



THE GREEN REPORT 2022

A sustainability report from
System Edström

CONTENT

Our journey towards a greener world	03
Why a green report?	03
Weight reductions	04
Reduced weight means reduced emissions	05
System Edström – made of Swedish steel	06
Comparison of emissions from SSAB	06
Let's dispose of plastics!	07
Develop forwards and use backwards	07
We have started our journey – join us!	08

Our journey towards a greener world

The world's resources are not infinite. This is something we at System Edström have taken to heart and use as our starting point when it comes to our own product development. If the earth is to become a green and sustainable planet, green and sustainable efforts are required. As a market leader in van interiors for transport vans in Sweden and The Nordic region, System Edström has the opportunity to be a pioneer and trend setter in terms of reduced environmental impact within industries. It is a challenge and an opportunity we are happy to take on - we want to influence what we can!

Why a green report?

Since 2017, we have introduced a major change to our product range. Besides offering the market's most flexible van interior systems for our customers' transport and service vans, we will also offer van interior systems that reduce the footprint that we and our customers leave on our planet.

System Edström now takes a holistic approach to all parts of our business, from our Swedish manufacturing and smart design, via packaging, to the point when our products are in place in our customers' vans.

With this report, we want to show that sustainability through reduced carbon dioxide emissions is important to us and that through

our work we can inspire to create greener van interiors and in the long run a greener world.

Our green journey has only just begun, and here we describe some of the changes we have made in recent years - a kind of stopover on the way to the future. Our work continues and you are welcome to join our journey.

Welcome to System Edström's Green Report.



Steffen Karlsson
CEO, System Edström

Weight reductions:

18 %

Pegboards: reduced material thickness by an average of 18%. On an annual volume of that product group, this means a weight reduction of 12 tonnes.

25 %

Shelf frames: thinner, but still in high-strength steel, has given a weight reduction of 25%. At an annual volume of that product group, this equals a weight reduction of approximately 34 tonnes.

25 %

Angle and support rails: thinner, but still in high-strength steel, have given a weight reduction of 25%. On an annual volume of the product group, this is a total weight reduction of 3 tonnes.

22 %

Shelves: thinner, but still in high-strength steel, has given a weight reduction of an average of 22%. On an annual volume of the product group, this means a weight reduction of approximately 16 tonnes.

Reduced weight means reduced emissions

A large part of the work we at System Edström have focused on in recent years revolves around reducing our emissions of carbon dioxide. How did we do that, you may be wondering?

The answer is that we have focused on what we can really influence, and our specialty: our van interior system. We now offer not only the most flexible systems for your company's transport or service van - but also lighter products. Because sometimes the equation is not harder than:

van + lighter interior = less emissions.

To the left are just a few examples of the adjustments we've made to reduce emissions:

So, what does this all mean?

Each tonne of steel produced also results in an average carbon dioxide emission of around 1.9 tonnes globally (Source: *Steel's contribution to a low carbon future*, WorldSteel Association).

This means that by reducing the weight of its products, System Edström has reduced its carbon dioxide emissions with just over 123 tonnes per year.

Did you know that...

...The van's total weight has an impact on fuel consumption and thus also emissions? For every extra 100 kg, the fuel consumption increases by about 5 %.

Source: <http://www.gronabilister.se/fakta-bil-miljo/grona-bilrad/du-avgor-bilens-bransleforbrukning/last-takbox-och-slapvagn>

And...

....In total, System Edström has been able to reduce the amount of steel used in its products by 65 tonnes per year. This is a weight loss equivalent to approximately 35 Volvo V70s.

System Edström – made of Swedish steel

Cheap is not always good. If you look at the production of steel, there are many countries where the production may be cheaper, but also a clearly bigger environmental sinner.

In addition to the actual production of steel, transports by both land and sea also have an impact on emissions. System Edström has taken note of this and most of the steel for our products is now manufactured in Sweden, made of Swedish steel from SSAB. The steel company is the Nordic region's largest producer and is also ranked as one most prepared steel producers in the world in terms of switching to low-carbon production, according to the analysis company CDP (*Carbon Disclosure Project, 2019*).

Comparison of emissions from SSAB

SSAB's emissions are approx. 6 percent less than European average
approx. 15 percent less than Chinese average
approx. 20 percent less than Indian average
approx. 20 percent less than North American average

Source: <https://www.ssab.se/ssab-koncern/hallbarhet>

So, simply by locating its production in Sweden, System Edström not only has more environmentally friendly steel from an emission point of view - our transports will be much shorter than if production took place, for example in Beijing, China.

How much shorter?

Within Sweden: approximately 994 miles
Sweden to Beijing: approximately 4 349 miles



3 000 kg

The plastic saved from only one product group equals the weight of one newborn blue whale.

Let's dispose of plastics!

Manufacturing, weight, materials and transport are the most important parts we can influence when it comes to reducing our carbon footprint on our planet. That being said, our efforts do not end there. Once with us, our products will be shipped to our customers and in the process there is an environmental sinner that we now choose to terminate acquaintance with: **plastic**.

We are now reviewing our packaging and will review in several product groups whether it is needed at all. For example, we have looked at the product group shelf frames and seen that this particular product does not need to be plasticized at all. If you then look at the volume of plastic that goes to a ladder, you can easily think "that is not much". If, on the other hand, we look at the annual basis, the picture will be very different.

Number of shelf frames per year: **60 000**
Saved plastic: about **3 000 kg**

We at System Edström are continuously reducing our plastic use by reviewing several product groups.

Develop forwards and use backwards

Our product range is constantly improving with more flexibility, lighter materials and stronger durability properties. In fact, we give our customers a five-year warranty on our van interior! But, you know what? The strength usually goes much further than that.

Our customers often come back to us with furnishings that have been in placed in the vans for 10-15 years, which we obviously put great value on. But even if we wished that was the case, our interior does not last for all eternity.

However, our solution to this is not to force our customers to change ALL of their interior design just because details have become worn. No, at System Edström we work with what we call Backward Compatibility. We don't want our customers to change equipment for the sake of change - why fix something that is not broken? Therefore, we can offer our very own latest products in a format that goes hand in hand with our old systems. So if an older product gets worn out, it can be replaced with a new one and still fit together with existing furnishings - **smart huh?!**

We have started our journey - join us!

We at System Edström have continuously reviewed how our products are manufactured, transported and delivered. We started by taking small baby steps, one product group here and another there. We have managed to reduce the weight of our products by 65 tons per year; we have made sure to reduce our footprint on earth by reducing carbon dioxide emissions and we have taken up the fight with plastic.

But we are not satisfied and our work will continue in the same direction, with new initiatives and within new areas. We see ourselves as a pioneer in an industry where there is a lot of work to do, and we hope to be able to inspire others to take the same steps as us.

This was our green report - a stopover on the journey we have just begun. Join us for a greener future.

Thank you for reading our green report!
/Team System Edström

